Historical Conditions - Daily Summary - v3.0

Domain Portfolio: Conditions | Domain: Historical | Usage Classification: Standard

Geography: Global **Attribution Required:** NO **Attribution Requirements:** N/A

Overview

The Historical Conditions are generated from The Weather Company (TWC) Currents On Demand (COD) system. The API provides information on temperature, precipitation and other related weather observations elements as well as date/time, weather icon codes and phrases.

HTTP Headers and Data Lifetime - Caching and Expiration

For details on appropriate header values as well as caching and expiration definitions, please see **The Weather Company Data | API Common Usage Guide**.

Translated Fields:

This TWC API handles the translation of phrases. However, when formatting a request URL a valid language must be passed along (see the language code table for the supported codes).

- dayOfWeek
- wxPhraseLongDay
- wxPhraseLongNight

URL Construction

Atomic API URL Examples:	**Aggregate Product Name**	v3-wx-conditions-historical-dailysummary-30day
Request by Geocode: Required Parameters: geocode, units, language, format, apiKey=**yourApiKey** | **Optional Parameter:** par https://api.weather.com/v3/wx/conditions/historical/dailysummary/30day?**geocode=<geocode.**&language=<language>&format=<format>&units=<units>&apiKey**=yourApiKey**		
https://api.weather.com/v3/wx/conditions/historical/dailysummary/30day?**geocode=33.74,-84.39**&language=en-US&format=json&units=e&apiKey**=yourApiKey**		
Request by IATA Code: Required Parameters: iataCode, units, language, format, apiKey=**yourApiKey** | **Optional Parameter:** par https://api.weather.com/v3/wx/conditions/historical/dailysummary/30day?**iataCode=<iataCode>**&language=<language>&format=<format>&units=<units>&apiKey**=yourApiKey**		
https://api.weather.com/v3/wx/conditions/historical/dailysummary/30day?**iataCode=FCO**&language=en-US&format=json&units=e&apiKey**=yourApiKey**		
Request by ICAO Code: Required Parameters: icaoCode, units, language, format, apiKey=**yourApiKey** | **Optional Parameter:** par https://api.weather.com/v3/wx/conditions/historical/dailysummary/30day?**icaoCode=<icaoCode>**&language=<language>&format=<format>&units=<units>&apiKey**=yourApiKey**		
https://api.weather.com/v3/wx/conditions/historical/dailysummary/30day?**icaoCode=LIRF**&language=en-US&format=json&units=e&apiKey**=yourApiKey**		
Request by Place ID: Required Parameters: placeid, units, language, format, apiKey=**yourApiKey** | **Optional Parameter:** par https://api.weather.com/v3/wx/conditions/historical/dailysummary/30day?**placeid=<placeid>**&language=<language>&format=<format>&units=<units>&apiKey**=yourApiKey**		
https://api.weather.com/v3/wx/conditions/historical/dailysummary/30day?**placeid=25d07eca1bcda02800c1a9e699d7eb1c8132cad9bc2d6efa8a2531f0ee4a81cd**&language=en-US&format=json&units=e&apiKey**=yourApiKey**		
Request by Postal Key: Required Parameters: postalKey, units, language, format, apiKey=**yourApiKey** | **Optional Parameter:** par https://api.weather.com/v3/wx/conditions/historical/dailysummary/30day?**postalKey=<postalKey>**&language=<language>&format=<format>&units=<untis>&apiKey**=yourApiKey**		

https://api.weather.com/v3/wx/conditions/historical/dailysummary/30day?**postalKey=30339:US**&language=en-US&format=json&units=e&apiKey**=yourApiKey**

Data Elements & Definitions

Important Notes:

- Field names are sorted alphabetically in the table below for presentation purposes. The table below does not represent the sort order of the API response.
- For the purposes of this API, a day is defined as the 24 hour period between 7am local time on the valid day to 7am local time on the following day.
- The current day will be available in the API response shortly after 3pm local time.

Field Name	Description	Type	Range	Sample	Nulls Allowed
dayOfWeek	Day of week	[string]	Sunday, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday	Saturday	Y
iconCodeDay	This number is the key to the weather icon lookup. The data field shows the icon number that is matched to represent the observed weather conditions. Please refer to the Forecast Icon Code, Weather Phrases and Images document.	[integer]	0 to 48	30	Y
iconCodeExtendDay	A four digit code representing the full set of sensible weather icons. These codes are companions to iconCodeDay with more specificity.	[integer]	-	3200	Y
iconCodeExtendNight	A four digit code representing the full set of sensible weather icons. These codes are companions to iconCodeNight with more specificity.	[integer]	-	3200	Y
iconCodeNight	This number is the key to the weather icon lookup. The data field shows the icon number that is matched to represent the observed weather conditions. Please refer to the Forecast Icon Code, Weather Phrases and Images document.	[integer]	0 to 48	30	Y
precip24Hour	Daily liquid precip amount	[decimal]	-	0.06	Y
rain24Hour	Daily rainfall amount	[decimal]	-	0.6	Y
snow24Hour	Daily snowfall amount	[decimal]	-	0.6	Y
temperatureMax	Daily maximum temperature	[integer]	-140 to 140	73	Y
temperatureMin	Daily minimum temperature	[integer]	-140 to 140	53	Y
validTimeLocal	Time observation is valid ... . in local, but at top of next UTC hour	[ISO]	YYYY-MM-DDTHH:MM:SS-NNNN; NNNN=GMT offset	2017-01-14T07:00:00-0500	Y
validTimeUtc	Time observation is valid in UNIX epoch value	[epoch]	-	148439520000	Y
wxPhraseLongDay	A text description of the observed weather conditions at the location	[string]	-	Partly Cloudy	Y
wxPhraseLongNight	A text description of the observed weather conditions at the location	[string]	-	Partly Cloudy	Y

JSON Sample


```
// Response Collapsed for Presentation Purposes
[
   {
      "id": "33.74,-84.39",
      "v3-wx-conditions-historical-dailysummary-30day": {
                  "dayOfWeek": ["Saturday",...],
                  "iconCodeDay": [30,...],
                  "iconCodeExtendDay": [3001,...],
                  "iconCodeExtendNight": [2900,...],
                  "iconCodeNight": [29,...],
                  "precip24Hour": [0,...],
                  "rain24Hour": [0,...],
                  "snow24Hour": [0,...],
                  "temperatureMax": [86,...],
                  "temperatureMin": [53,...],
                  "validTimeLocal": ["2017-01-14T07:00:00-0500",...],
                  "validTimeUtc": [14843952000,...],
                  "wxPhraseLongDay": ["Partly Cloudy",...],
                  "wxPhraseLongNight": ["Partly Cloudy",...]
   }
]
```